


ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	Extraction of Metals by Mercaptans Attached to Silica Gel by Azeotropic Distillation																																																																																																																														
<div style="display: flex; justify-content: space-between;"> <div> <p>Submission Type : Utility Patent Filing</p> <p>Application Number: 10/707814</p> <p>EFS ID: 53677</p> <p>Server Response:</p> </div> <div style="text-align: center;">  </div> </div>																																																																																																																															
		Confirmation Code	Message																																																																																																																												
		ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																												
		ICON1	1813																																																																																																																												
<div style="display: flex; justify-content: space-between;"> <div> <p>First Named Applicant: Dean Martin</p> <p>Attorney Docket Number: 1372.122.PRC</p> <p>Timestamp: 2004-01-14 15:30:08 EDT</p> <p>From: us</p> <p>File Listing:</p> </div> <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th style="text-align: left;">Doc. Name</th> <th style="text-align: left;">File Name</th> <th style="text-align: right;">Size (Bytes)</th> <th style="text-align: right;">Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-request</td><td>1372_122_PRC-usrequ.xml</td><td style="text-align: right;">3034</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td style="text-align: right;">19064</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-request</td><td>us-request.xml</td><td style="text-align: right;">33300</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-declaration</td><td>1372_122_PRC-usdecl.xml</td><td style="text-align: right;">1088</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-declaration</td><td>us-declaration.dtd</td><td style="text-align: right;">3833</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-declaration</td><td>us-declaration.xml</td><td style="text-align: right;">10015</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-fee-sheet</td><td>1372_122_PRC-usfees.xml</td><td style="text-align: right;">1640</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xml</td><td style="text-align: right;">24912</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td style="text-align: right;">11069</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-power-of-attorney-grant</td><td>1372_122_PRC-uspoat.xml</td><td style="text-align: right;">1388</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.dtd</td><td style="text-align: right;">4923</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.xml</td><td style="text-align: right;">12448</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-ids</td><td>1372_122_PRC-usidst.xml</td><td style="text-align: right;">1382</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-ids</td><td>us-ids.dtd</td><td style="text-align: right;">7763</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>us-ids</td><td>us-ids.xml</td><td style="text-align: right;">12026</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>Specification-trans.xml</td><td style="text-align: right;">32764</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>us-application-body.xml</td><td style="text-align: right;">83497</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td style="text-align: right;">49498</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td style="text-align: right;">4956</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td style="text-align: right;">54588</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td style="text-align: right;">13225</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td style="text-align: right;">5191</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td style="text-align: right;">3988</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td style="text-align: right;">1460</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td style="text-align: right;">5620</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td style="text-align: right;">1934</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td style="text-align: right;">7073</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isogrkl3.ent</td><td style="text-align: right;">3559</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isomfrk.ent</td><td style="text-align: right;">4553</td><td style="text-align: right;">2004-01-14</td></tr> <tr><td>application-body</td><td>isomopf.ent</td><td style="text-align: right;">2571</td><td style="text-align: right;">2004-01-14</td></tr> </tbody> </table> </div>				Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-request	1372_122_PRC-usrequ.xml	3034	2004-01-14	us-request	us-request.dtd	19064	2004-01-14	us-request	us-request.xml	33300	2004-01-14	us-declaration	1372_122_PRC-usdecl.xml	1088	2004-01-14	us-declaration	us-declaration.dtd	3833	2004-01-14	us-declaration	us-declaration.xml	10015	2004-01-14	us-fee-sheet	1372_122_PRC-usfees.xml	1640	2004-01-14	us-fee-sheet	us-fee-sheet.xml	24912	2004-01-14	us-fee-sheet	us-fee-sheet.dtd	11069	2004-01-14	us-power-of-attorney-grant	1372_122_PRC-uspoat.xml	1388	2004-01-14	us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2004-01-14	us-power-of-attorney-grant	us-power-of-attorney-grant.xml	12448	2004-01-14	us-ids	1372_122_PRC-usidst.xml	1382	2004-01-14	us-ids	us-ids.dtd	7763	2004-01-14	us-ids	us-ids.xml	12026	2004-01-14	application-body	Specification-trans.xml	32764	2004-01-14	application-body	us-application-body.xml	83497	2004-01-14	application-body	application-body.dtd	49498	2004-01-14	application-body	wipo.ent	4956	2004-01-14	application-body	mathml2.dtd	54588	2004-01-14	application-body	mathml2-qname-1.mod	13225	2004-01-14	application-body	isoamsa.ent	5191	2004-01-14	application-body	isoamsb.ent	3988	2004-01-14	application-body	isoamsc.ent	1460	2004-01-14	application-body	isoamsn.ent	5620	2004-01-14	application-body	isoamso.ent	1934	2004-01-14	application-body	isoamsr.ent	7073	2004-01-14	application-body	isogrkl3.ent	3559	2004-01-14	application-body	isomfrk.ent	4553	2004-01-14	application-body	isomopf.ent	2571	2004-01-14
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																												
us-request	1372_122_PRC-usrequ.xml	3034	2004-01-14																																																																																																																												
us-request	us-request.dtd	19064	2004-01-14																																																																																																																												
us-request	us-request.xml	33300	2004-01-14																																																																																																																												
us-declaration	1372_122_PRC-usdecl.xml	1088	2004-01-14																																																																																																																												
us-declaration	us-declaration.dtd	3833	2004-01-14																																																																																																																												
us-declaration	us-declaration.xml	10015	2004-01-14																																																																																																																												
us-fee-sheet	1372_122_PRC-usfees.xml	1640	2004-01-14																																																																																																																												
us-fee-sheet	us-fee-sheet.xml	24912	2004-01-14																																																																																																																												
us-fee-sheet	us-fee-sheet.dtd	11069	2004-01-14																																																																																																																												
us-power-of-attorney-grant	1372_122_PRC-uspoat.xml	1388	2004-01-14																																																																																																																												
us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2004-01-14																																																																																																																												
us-power-of-attorney-grant	us-power-of-attorney-grant.xml	12448	2004-01-14																																																																																																																												
us-ids	1372_122_PRC-usidst.xml	1382	2004-01-14																																																																																																																												
us-ids	us-ids.dtd	7763	2004-01-14																																																																																																																												
us-ids	us-ids.xml	12026	2004-01-14																																																																																																																												
application-body	Specification-trans.xml	32764	2004-01-14																																																																																																																												
application-body	us-application-body.xml	83497	2004-01-14																																																																																																																												
application-body	application-body.dtd	49498	2004-01-14																																																																																																																												
application-body	wipo.ent	4956	2004-01-14																																																																																																																												
application-body	mathml2.dtd	54588	2004-01-14																																																																																																																												
application-body	mathml2-qname-1.mod	13225	2004-01-14																																																																																																																												
application-body	isoamsa.ent	5191	2004-01-14																																																																																																																												
application-body	isoamsb.ent	3988	2004-01-14																																																																																																																												
application-body	isoamsc.ent	1460	2004-01-14																																																																																																																												
application-body	isoamsn.ent	5620	2004-01-14																																																																																																																												
application-body	isoamso.ent	1934	2004-01-14																																																																																																																												
application-body	isoamsr.ent	7073	2004-01-14																																																																																																																												
application-body	isogrkl3.ent	3559	2004-01-14																																																																																																																												
application-body	isomfrk.ent	4553	2004-01-14																																																																																																																												
application-body	isomopf.ent	2571	2004-01-14																																																																																																																												

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isomscr.ent	4628	2004-01-14
application-body	isotech.ent	5268	2004-01-14
application-body	isobox.ent	3568	2004-01-14
application-body	isocyr1.ent	5345	2004-01-14
application-body	isocyr2.ent	2504	2004-01-14
application-body	isodia.ent	1508	2004-01-14
application-body	isolat1.ent	5282	2004-01-14
application-body	isolat2.ent	9007	2004-01-14
application-body	isonum.ent	5913	2004-01-14
application-body	isopub.ent	6621	2004-01-14
application-body	mmlextra.ent	7901	2004-01-14
application-body	mmalias.ent	38209	2004-01-14
application-body	soextblx.dtd	12870	2004-01-14
application-body	Equation01.TIF	8182	2004-01-14
application-body	FIG0102.TIF	3784	2004-01-14
application-body	FIG03.TIF	3124	2004-01-14
package-data	1372_122_PRC-pkda.xml	8693	2004-01-14
package-data	package-data.dtd	27025	2004-01-14
package-data	us-package-data.xsl	19263	2004-01-14
Total files size		601057	

Message Digest:

126a8f4177875c418c0a14c881631224c4fd07be

Digital Certificate Holder
Name:

cn=Anton John
Hopen,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US